

**APALACHICOLA RIVER BASIN  
2004 Water Year**

**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA**

**LOCATION.**—Lat 33°52'09", long 84°22'44" referenced to North American Datum (NAD) of 1983, Fulton County, Hydrologic Unit Code 03130001, 300 feet downstream of bridge on Rickenbacker Drive, 0.2 miles east of US 19 and GA 9, 6.9 miles upstream of Peachtree Creek, and 1.2 miles north of GA 237.

**DRAINAGE AREA.**—26.6 square miles.

**COOPERATION.**—City of Atlanta.

**PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**—August 19, 1976; August 13, 2004 to current year.

**REMARKS.**—Medium code 9 indicates a surface water sample. Medium code 1 indicates a suspended sediment sample. Samples without a medium code are also surface water samples. Hydrologic event 9 indicates a routine sample while J designates a storm event sample. Laboratory chemical analyses with analyzing agency code 80020 are by the U.S. Geological Survey, National Water Quality Laboratory. Laboratory chemical analyses with analyzing code 81345 are by the U.S. Geological Survey, Panola Mountain Laboratory. Laboratory sediment analyses with analyzing code 81350 are by the U.S. Geological Survey, Sediment Partitioning Research Laboratory. Field determinations of discharge, specific conductance, pH, water temperature, turbidity, and dissolved oxygen are by the U.S. Geological Survey.

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**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	End time	Medium code	Hydro-logic event	Agency analyzing sample, code (00028)	Gage height, feet (00065)	Dis-charge, cfs (00060)	Turb-idity, IR LED	Baro-light, 90 deg, FNU (63680)	Dis-pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, water, field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)
								det ang					per cent	
OCT 22...	1025	--	9	9	81345	.80	13	2.8	755	9.3	9.3	94	7.2	106
OCT 22...	1050	--	9	9	81345	.81	13	2.7	755	9.3	9.3	94	7.2	106
NOV 05-05	2027	2029	9	J	81345	1.79	112	100	--	6.3	--	--	6.8	89
NOV 05-05	2112	2114	9	J	81345	2.22	166	130	--	6.5	--	--	6.8	89
NOV 18-18	1932	1934	9	J	81345	1.08	36	240	--	6.9	--	--	6.9	86
NOV 18-18	2232	2234	9	J	81345	4.48	536	320	--	6.8	--	--	6.7	64
NOV 19-19	0002	0004	9	J	81345	5.13	656	270	--	6.9	--	--	6.6	56
NOV 19-19	0132	0134	9	J	81345	7.18	1080	370	--	7.1	--	--	6.6	49
NOV 19-19	0303	0305	9	J	81345	9.93	1730	460	--	6.9	--	--	6.5	44
NOV 19-19	0348	0350	9	J	81345	9.72	1670	470	--	6.9	--	--	6.4	41
NOV 19-19	1034	1036	9	J	81345	2.84	264	250	--	7.0	--	--	6.6	60
DEC 10-10	0850	0910	9	J	81345	2.26	177	110	744	10.6	97	7.6	78	
DEC 10-10	0930	1020	9	J	81345	2.52	215	190	744	10.6	98	7.2	74	
DEC 10-10	1100	1120	9	J	81345	3.32	339	160	744	10.6	97	7.1	66	
DEC 10-10	1130	1200	9	J	81345	3.50	368	190	744	10.7	98	7.0	64	
DEC 10-10	1320	1405	9	J	81345	4.09	467	280	744	10.4	97	7.0	51	
DEC 10-10	1330	1410	9	J	81345	4.02	455	280	744	10.4	97	7.0	51	
DEC 10-10	1430	1510	9	J	81345	3.46	362	260	744	10.5	98	7.0	52	
DEC 10-10	1440	1520	9	J	81345	3.28	333	260	744	10.5	98	7.0	52	
JAN 06...	1305	--	9	J	81345	1.03	36	39	745	10.8	93	7.2	80	
JAN 06...	1325	--	9	J	81345	1.02	35	40	745	10.6	94	7.1	80	
JAN 08-08	1345	1347	9	J	81345	.90	25	--	--	--	--	7.2	91	
JAN 08-08	1517	1519	9	J	81345	.90	25	--	--	--	--	7.2	90	
JAN 09-09	0405	0407	9	J	81345	.92	27	--	--	--	--	7.3	90	
JAN 09-09	0538	0540	9	J	81345	.91	26	--	--	--	--	7.3	91	
JAN 22...	1415	--	9	J	81345	.86	22	3.6	746	13.2	108	7.2	96	
JAN 22...	1430	--	9	J	81345	.85	21	3.6	746	13.2	108	7.2	96	
JAN 25-25	0436	0438	9	J	81345	1.32	65	16	--	11.0	--	7.1	84	
JAN 25-25	0736	0738	9	J	81345	2.82	261	93	--	11.0	--	7.1	74	
JAN 25-25	0951	0953	9	J	81345	5.74	774	280	--	11.0	--	7.0	56	
JAN 25-25	1206	1208	9	J	81345	6.00	827	260	--	11.1	--	6.9	45	
FEB 04...	1220	--	9	9	81345	1.03	36	17	752	14.0	114	6.9	93	
FEB 04...	1250	--	9	9	81345	1.02	35	18	752	14.1	115	6.9	99	
FEB 06-06	0807	0809	9	J	81345	1.59	93	77	--	12.2	--	7.2	82	
FEB 06-06	1022	1024	9	J	81345	4.76	586	280	--	12.2	--	7.0	60	
FEB 06-06	1237	1239	9	J	81345	6.66	965	400	--	12.2	--	7.0	52	
FEB 06-06	1322	1324	9	J	81345	6.66	965	400	--	12.2	--	7.0	52	
FEB 06-06	1407	1409	9	J	81345	6.28	885	400	--	12.2	--	7.0	42	
FEB 06-06	1537	1539	9	J	81345	4.44	529	380	--	12.1	--	6.9	46	
MAR 03...	1300	--	9	9	81345	.96	30	6.3	751	10.7	108	7.4	111	
MAR 03...	1330	--	9	9	81345	.96	30	7.2	751	10.8	109	7.3	111	
APR 12-12	2147	2149	9	J	81345	1.37	75	140	--	8.5	--	7.0	70	

**APALACHICOLA RIVER BASIN**  
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**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

Date	Noncarb										Alka-			Chlor-	
	Temper-	Hard-	Wat flt	Calcium	Magnes-	Potas-	Sodium	Sodium,	Gran,	Bromide	Chlor-	Silica,		ide,	water,
	ature,	ness,	lab,	water,	ium,	sium,	water,	water,	lab,	water,	ide,	water,		water,	water,
	water,	mg/L as	wat flt	mg/L as	water,	mg/L	adsorp-	water,	mg/L as	water,	mg/L as	water,		mg/L as	mg/L
	(00010)	(00900)	(00905)	(00915)	(00925)	(00935)	tion	(00931)	(00930)	(00932)	(29803)	(71870)	(00940)	(00955)	
OCT															
22...	15.5	31	6	8.86	2.20	2.59	.5	6.83	30	25.2	M	9.76	11.8		
22...	15.5	31	5	8.87	2.13	2.60	.5	6.67	30	25.5	M	9.51	12.2		
NOV															
05-05	19.4	25	2	7.28	1.63	3.55	.4	4.18	24	23.2	<.02	5.73	9.00		
NOV															
05-05	19.1	27	3	7.83	1.73	3.26	.4	4.57	24	23.7	<.02	6.65	9.16		
NOV															
18-18	17.2	27	5	7.72	1.79	3.31	.4	4.72	25	21.6	<.02	5.98	9.28		
NOV															
18-18	17.5	19	4	5.74	1.14	3.59	.3	2.99	22	14.6	<.02	4.08	6.59		
NOV															
19-19	17.4	16	2	4.96	.96	3.39	.3	2.97	24	14.1	<.02	3.00	5.38		
NOV															
19-19	17.7	15	2	4.53	.84	3.55	.3	2.66	23	13.0	<.02	2.14	3.83		
NOV															
19-19	17.7	13	1	3.97	.67	3.10	.2	1.65	18	11.2	<.02	1.97	3.44		
NOV															
19-19	17.8	12	.0	3.52	.67	2.91	.3	2.41	26	11.0	<.02	1.82	3.39		
NOV															
19-19	17.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC															
10-10	10.5	26	4	7.76	1.64	2.92	.4	4.95	27	21.9	<.02	6.18	10.0		
DEC															
10-10	11.0	23	4	6.80	1.41	2.91	.4	4.24	26	19.3	<.02	4.72	7.93		
DEC															
10-10	10.5	20	3	5.98	1.23	3.05	.3	3.53	24	17.3	<.02	3.76	6.70		
DEC															
10-10	10.5	21	3	6.21	1.23	3.10	.3	3.50	24	17.4	<.02	3.81	6.67		
DEC															
10-10	11.0	16	2	4.88	.86	2.47	.3	2.58	23	13.7	<.02	2.39	4.93		
DEC															
10-10	11.0	16	2	4.86	.84	2.45	.2	2.08	19	13.6	<.02	2.35	4.91		
DEC															
10-10	11.0	17	2	5.19	.90	2.68	.3	2.79	23	14.4	<.02	2.45	5.26		
DEC															
10-10	11.0	16	2	4.95	.91	2.48	.3	2.54	22	14.5	<.02	2.49	5.28		
JAN															
06...	9.0	39	4	10.5	3.11	2.31	.4	5.73	23	35.6	.1	8.11	15.4		
06...	9.0	41	--	12.0	2.57	2.35	.5	6.63	25	42.3	.1	8.56	17.5		
JAN															
08-08	4.6	--	--	<.08	<.10	<.10	--	<.08	--	-.2	<.02	<.02	<.050		
JAN															
08-08	5.0	35	2	9.91	2.53	2.44	.4	5.53	24	33.0	M	8.46	13.6		
JAN															
09-09	3.6	29	3	8.08	2.02	2.27	.4	5.45	27	25.5	M	7.46	10.5		
JAN															
09-09	3.4	35	3	9.80	2.44	2.41	.4	6.00	26	32.0	M	8.29	12.2		
JAN															
22...	6.0	35	6	9.28	2.92	3.09	.4	5.70	24	29.1	.1	9.98	9.54		
JAN															
22...	6.0	43	7	10.8	3.97	2.91	.5	7.82	27	36.7	.1	12.7	13.2		
JAN															
25-25	8.1	21	3	6.66	1.05	2.59	.4	4.43	28	18.0	<.02	6.68	3.04		
JAN															
25-25	8.6	21	3	6.61	.97	2.70	.5	4.84	31	18.0	<.02	7.16	3.67		
JAN															
25-25	8.8	36	5	9.72	2.74	2.48	.4	5.18	23	30.8	<.02	7.30	12.9		
JAN															
25-25	7.4	14	3	4.13	.89	2.02	.2	1.66	18	11.2	<.02	2.04	4.14		
FEB															
04...	6.0	30	6	8.93	1.90	2.58	.4	4.96	24	24.7	<.02	7.24	9.87		
FEB															
04...	6.0	30	5	8.70	1.92	2.44	.4	4.99	25	24.9	<.02	7.86	9.95		
FEB															
06-06	5.8	27	7	7.83	1.87	2.02	.3	4.05	23	20.5	<.02	6.40	9.77		
FEB															
06-06	6.0	18	5	5.29	1.05	2.31	.3	3.07	25	13.1	<.02	4.89	5.27		
FEB															
06-06	6.1	15	3	4.45	.86	1.88	.3	2.55	25	11.3	<.02	3.97	4.89		
FEB															
06-06	6.1	14	3	4.21	.77	1.80	.3	2.39	25	10.5	<.02	2.84	4.06		
FEB															
06-06	6.2	13	3	4.04	.74	1.78	.2	2.07	23	10.3	<.02	2.98	4.17		
FEB															
06-06	6.6	15	3	4.57	.83	1.91	.2	1.89	19	12.2	<.02	2.73	4.82		
MAR															
03...	15.0	39	12	11.3	2.50	2.86	.5	6.77	26	26.8	<.02	8.90	9.94		
03...	15.0	38	11	11.2	2.51	2.81	.5	6.65	26	27.6	<.02	9.02	8.54		
APR															
12-12	15.5	25	6	7.52	1.47	2.37	.4	4.27	25	19.3	M	4.04	7.67		

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**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

Date	Sulfate water, mg/L (00945)	Residue water, fltrd, sum of consti- tuents mg/L (70301)	Residue water, fltrd, tons/ acre-ft (70303)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L (00608)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phosphate water, fltrd, mg/L as P (00671)	Phos- phorus water, fltrd, mg/L as P (00666)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	Fecal coli- form, M-FC col/ 100 mL (31625)	Total coli- form, Defined Tech., MPN/ 100 mL (50569)
OCT													
22...	8.8	68	.09	--	<.020	.44	<.020	<.100	<.10	.58	--	--	--
22...	8.5	68	.09	--	<.020	.43	<.020	<.100	<.10	.56	490	600	9210
NOV													
05-05	5.8	53	.07	--	<.020	.37	<.020	<.100	<.10	.56	--	--	--
NOV													
05-05	7.5	56	.08	--	<.020	.30	<.020	<.100	<.10	.42	--	--	--
NOV													
18-18	5.8	53	.07	.09	.067	.34	<.020	<.100	.14	.49	--	--	--
NOV													
18-18	5.1	40	.05	.16	.128	.43	.080	<.100	<.10	.68	--	--	--
NOV													
19-19	4.0	35	.05	.10	.078	.40	<.020	<.100	<.10	.50	--	--	--
NOV													
19-19	3.6	31	.04	.09	.070	.40	<.020	<.100	<.10	.47	--	--	--
NOV													
19-19	3.2	26	.04	--	<.020	.32	<.020	<.100	<.10	.50	--	--	--
NOV													
19-19	2.9	26	.03	--	<.020	.28	<.020	<.100	<.10	.34	--	--	--
NOV													
19-19	--	--	--	--	--	--	--	--	--	--	7200	5000k	242000
DEC													
10-10	6.3	56	.08	.24	.186	.55	<.020	<.100	<.10	1.05	--	--	--
DEC													
10-10	5.9	48	.07	.18	.137	.46	<.020	<.100	<.10	1.03	11000	3000	242000
DEC													
10-10	5.2	42	.06	.09	.071	.47	<.020	<.100	<.10	.98	--	--	--
DEC													
10-10	5.2	42	.06	.09	.067	.46	<.020	<.100	<.10	.90	19000	3300	242000
DEC													
10-10	4.1	32	.04	.07	.052	.35	<.020	<.100	<.10	.76	--	--	--
DEC													
10-10	4.1	32	.04	.05	.038	.36	<.020	<.100	<.10	.70	6700	5200	242000
DEC													
10-10	4.2	34	.05	.09	.067	.35	<.020	<.100	<.10	.69	--	--	--
DEC													
10-10	4.0	33	.05	.08	.065	.35	<.020	<.100	<.10	.85	13000	5400	242000
JAN													
06...	5.8	77	.10	.11	.089	.94	<.020	<.100	<.10	.87	--	--	--
06...	6.0	85	.12	.11	.089	.78	<.020	<.100	<.10	.65	--	--	--
JAN													
08-08	<.02	--	--	--	<.020	<.02	<.020	<.100	<.10	1.06	--	--	--
JAN													
08-08	6.3	72	.10	--	<.020	.65	<.020	<.100	<.10	.90	--	--	--
JAN													
09-09	5.9	60	.08	--	<.020	.54	<.020	<.100	<.10	.89	--	--	--
JAN													
09-09	6.5	70	.10	--	<.020	.62	<.020	<.100	<.10	.99	--	--	--
JAN													
22...	6.8	71	.10	.14	.108	1.21	<.020	<.100	<.10	.71	--	--	--
JAN													
22...	6.2	87	.12	--	<.020	1.53	<.020	<.100	<.10	1.79	150	42k	630
JAN													
25-25	5.4	43	.06	--	<.020	.60	<.020	<.100	<.10	.94	--	--	--
JAN													
25-25	5.0	45	.06	--	<.020	.57	<.020	<.100	<.10	1.28	--	--	--
JAN													
25-25	6.0	69	.09	--	<.020	.98	<.020	<.100	<.10	1.29	--	--	--
JAN													
25-25	4.2	28	.04	--	<.020	.53	<.020	<.100	<.10	1.10	--	--	--
FEB													
04...	8.2	62	.08	.13	.102	.68	<.020	<.100	<.10	.97	--	--	--
FEB													
04...	8.3	62	.08	.14	.110	.65	<.020	<.100	<.10	.97	770	210k	8700
FEB													
06-06	8.1	56	.08	.18	.136	.77	<.020	<.100	<.10	1.13	--	--	--
FEB													
06-06	5.4	39	.05	.18	.136	.61	<.020	<.100	<.10	1.08	--	--	--
FEB													
06-06	4.9	35	.05	.16	.121	.96	<.020	<.100	<.10	1.09	--	--	--
FEB													
06-06	4.3	30	.04	.15	.113	.55	<.020	<.100	<.10	.99	--	--	--
FEB													
06-06	4.2	31	.04	.14	.106	.82	<.020	<.100	<.10	.90	--	--	--
FEB													
06-06	4.4	33	.04	.10	.081	.77	<.020	<.100	<.10	.91	--	--	--
MAR													
03...	9.1	71	.10	.13	.100	.63	<.020	<.100	<.10	.88	--	--	--
03...	9.1	70	.09	.12	.090	.63	<.020	<.100	<.10	.80	240	110	3200
APR													
12-12	5.9	47	.06	.07	.053	.37	<.020	<.100	<.10	.59	--	--	--

**APALACHICOLA RIVER BASIN**  
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**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

Date	Barium, water, fltrd, ug/L (01005)	Iron, water, fltrd, ug/L (01046)	Stront- ium, water, fltrd, ug/L (01080)
OCT 22...	<50.0	<100	50
22...	<50.0	<100	50
NOV 05-05	<50.0	110	40
NOV 05-05	65.0	<100	40
NOV 18-18	144	<100	40
NOV 18-18	<100	<100	30
NOV 19-19	<100	<100	30
NOV 19-19	128	100	20
NOV 19-19	<100	140	20
NOV 19-19	<100	140	20
NOV 19-19	--	--	--
DEC 10-10	122	120	40
DEC 10-10	112	110	30
DEC 10-10	108	<100	30
DEC 10-10	102	100	30
DEC 10-10	<100	190	20
DEC 10-10	<100	190	20
DEC 10-10	<100	120	30
DEC 10-10	<100	210	20
JAN 06...	61.7	240	60
JAN 06...	48.0	300	60
JAN 08-08	--	<100	--
JAN 08-08	19.0	<100	60
JAN 09-09	58.0	200	40
JAN 09-09	49.8	160	60
JAN 22...	33.1	<100	50
JAN 22...	49.2	120	60
JAN 25-25	47.0	<100	20
JAN 25-25	57.9	390	20
JAN 25-25	38.8	<100	50
JAN 25-25	27.6	140	20
FEB 04...	36.6	<100	40
FEB 04...	30.5	140	40
FEB 06-06	34.6	170	40
FEB 06-06	40.9	300	30
FEB 06-06	38.3	320	20
FEB 06-06	45.8	320	20
FEB 06-06	47.3	340	20
FEB 06-06	35.9	380	20
MAR 03...	28.2	130	60
MAR 03...	10.2	130	60
APR 12-12	48.2	170	40

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

Date	Time	End time	Medium code	Hydro-logic event	Agency analyzing sample, (00028)	Gage height, feet (00065)	Dis-charge, cfs (00060)	Turb-idity, IR LED light, det ang 90 deg, FNU (63680)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	Dis-solved oxygen, mg/L (00400)	pH, water, field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)
APR 12-12	2227	2229	9	J	81345	3.60	384	680	--	8.9	--	6.9	59	
APR 12-12	2312	2314	9	J	81345	3.51	370	580	--	8.7	--	6.8	57	
APR 12-12	2357	2359	9	J	81345	4.62	561	640	--	8.1	--	6.9	65	
APR 13-13	0042	0044	9	J	81345	5.09	648	520	--	8.2	--	6.8	56	
APR 13-13	0127	0129	9	J	81345	4.70	575	520	--	8.2	--	6.8	54	
APR 13-13	0212	0214	9	J	81345	3.96	444	490	--	8.3	--	6.8	56	
MAY 31-31	0742	0744	9	J	81345	2.02	149	210	--	8.5	--	6.7	78	
MAY 31-31	0824	0826	9	J	81345	2.03	150	320	--	8.6	--	6.6	72	
MAY 31-31	0917	0919	9	J	81345	3.86	427	600	--	7.4	--	6.5	79	
MAY 31-31	1002	1004	9	J	81345	4.34	511	430	--	7.6	--	6.4	66	
MAY 31-31	1047	1049	9	J	81345	3.90	434	360	--	7.5	--	6.5	68	
MAY 31-31	1217	1219	9	J	81345	2.65	236	230	--	7.7	--	6.4	63	
JUL 28...	1325	--	9	9	81345	.89	29	19	751	7.7	96	7.2	93	
JUL 28...	1330	--	9	9	81345	.88	29	9.6	751	8.0	99	7.2	94	
AUG 02...	1025	--	9	9	81345	.65	11	5.0	748	7.5	94	7.3	103	
AUG 02...	1030	--	9	9	81345	.65	11	4.5	748	7.5	94	7.3	103	
AUG 11...	1155	--	9	9	81345	.69	13	4.5	--	7.9	--	7.2	111	
AUG 11...	1200	--	9	9	81345	.69	13	4.6	--	7.9	--	7.2	111	
SEP 07-07	0305	0307	9	J	81345	1.60	99	140	--	7.3	--	7.3	93	
SEP 07-07	0349	0351	9	J	81345	2.77	255	190	--	7.6	--	7.2	68	
SEP 07-07	0604	0606	9	J	81345	9.07	1520	1700	--	7.4	--	7.2	41	
SEP 07-07	0819	0821	9	J	81345	9.81	1700	480	--	7.5	--	7.1	34	
SEP 07-07	1034	1036	9	J	81345	7.45	1140	470	--	7.3	--	7.2	41	
SEP 13...	1145	--	9	9	81345	.72	16	5.7	752	8.2	96	7.0	98	
SEP 16-16	1422	1424	9	J	81345	3.04	295	120	--	7.6	--	9.0	84	
SEP 16-16	1506	1508	9	J	81345	4.88	609	500	--	7.4	--	9.0	75	
SEP 16-16	1551	1553	9	J	81345	6.16	860	1400	--	7.5	--	8.9	53	
SEP 16-16	1806	1808	9	J	81345	12.80	2890	620	--	7.8	--	8.5	40	
SEP 16-16	2021	2023	9	J	81345	13.60	3330	710	--	7.4	--	8.4	38	
SEP 16-16	2151	2153	9	J	81345	14.90	4040	700	--	7.3	--	8.3	34	

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

Date	Noncarb hard- ness, water, mg/L as deg C (00010)										Alka- linity, wat flt Gran, lab, water, mg/L as CaCO3 (00900)										Chlor- ide, water, mg/L (00940)			
	Hard- ness, water, mg/L as CaCO3 (00905)	wat flt lab, mg/L as CaCO3 (00905)	Calcium water, mg/L (00915)	Magnes- ium, water, mg/L (00925)	Potas- sium, water, mg/L (00935)	Sodium adsorp- tion filtrd, mg/L (00931)	Sodium water, mg/L (00930)	Sodium, filtrd, mg/L (00932)	Sodium, percent (29803)	Bromide water, mg/L (71870)	Chlor- ide, water, mg/L (00940)	Silica, water, mg/L (00955)												
APR 12-12	14.4	18	.0	5.41	1.03	3.34	.3	2.83	22	17.3	M	2.93	4.71											
APR 12-12	14.6	18	3	5.44	1.05	3.19	.3	2.91	22	15.0	<.02	2.71	4.57											
APR 12-12	14.9	21	4	6.17	1.23	2.76	.4	4.04	27	16.2	M	3.95	6.17											
APR 13-13	14.7	18	4	5.49	1.07	2.48	.4	3.44	26	14.4	M	3.64	5.63											
APR 13-13	14.9	16	2	5.02	.91	2.27	.3	2.77	24	14.3	M	2.81	5.05											
APR 13-13	14.8	18	3	5.34	1.00	2.22	.3	2.92	24	15.0	<.02	3.07	5.80											
MAY 31-31	22.2	27	--	8.39	1.55	3.59	.3	4.00	21	37.2	<.02	4.01	9.45											
MAY 31-31	21.6	21	5	6.26	1.21	3.95	.3	3.53	23	15.8	<.02	3.51	7.60											
MAY 31-31	22.4	21	4	6.45	1.14	3.38	.4	3.96	26	16.6	M	4.30	7.72											
MAY 31-31	22.5	21	3	6.52	1.16	3.22	.4	3.91	25	17.7	.1	3.82	8.46											
MAY 31-31	22.7	20	3	6.25	1.06	3.10	.4	3.84	26	17.4	M	3.50	7.86											
MAY 31-31	22.8	20	4	6.17	1.06	3.00	.4	3.98	27	16.0	M	3.44	7.38											
JUL																								
28...	25.5	29	4	8.70	1.67	3.18	.4	4.56	23	24.7	M	4.9	9.50											
28...	25.5	27	2	8.20	1.64	3.08	.4	4.61	24	25.0	M	5.0	9.42											
AUG																								
02...	26.0	31	2	9.30	1.96	3.17	.5	5.97	27	29.2	.1	6.2	11.0											
02...	26.0	32	3	9.50	2.00	3.16	.5	6.04	27	29.2	.1	6.1	11.0											
11...	22.5	33	2	9.60	2.08	3.07	.4	5.72	25	30.4	.1	6.5	12.4											
11...	23.0	32	2	9.50	2.03	3.05	.4	5.78	26	30.2	.1	6.5	12.3											
SEP																								
07-07	22.6	--	--	--	--	--	--	--	--	24.4	M	4.38	--											
SEP																								
07-07	22.5	--	--	--	--	--	--	--	--	17.5	<.02	2.93	--											
SEP																								
07-07	22.5	--	--	--	--	--	--	--	--	10.9	<.02	1.62	--											
SEP																								
07-07	22.3	--	--	--	--	--	--	--	--	9.0	<.02	1.27	--											
SEP																								
07-07	22.2	--	--	--	--	--	--	--	--	10.4	<.02	1.46	--											
13...	22.5	--	--	--	--	--	--	--	--	45.6	.1	7.58	--											
SEP																								
16-16	22.0	--	--	--	--	--	--	--	--	22.8	M	4.30	--											
SEP																								
16-16	22.2	--	--	--	--	--	--	--	--	18.9	M	3.55	--											
SEP																								
16-16	22.5	--	--	--	--	--	--	--	--	13.0	M	2.18	--											
SEP																								
16-16	22.9	--	--	--	--	--	--	--	--	8.8	<.02	1.92	--											
SEP																								
16-16	22.8	--	--	--	--	--	--	--	--	6.5	<.02	1.23	--											
SEP																								
16-16	22.8	--	--	--	--	--	--	--	--	7.6	<.02	1.40	--											

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

Date	Sulfate (00945)	Residue water, fltrd, mg/L (70301)	Residue sum of consti- tuents mg/L (70303)	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L (00608)	Nitrite water, fltrd, mg/L (00618)	Ortho- phos- phate, water, fltrd, mg/L (00613)	Phos- phorus, water, fltrd, mg/L (00671)	Total nitro- gen, wat flt by anal (00666) (62854)	E coli, Defined Substr. Tech., MPN/ 100 mL (50468)	Fecal coli- form, M-FC water, 0.7u MF (31625)	Total coli- form, Defined Tech., MPN/ 100 mL (50569)
APR 12-12	4.7	37	.05	.09	.071	.37	<.020	<.100	<.10	.65	--	--
APR 12-12	4.3	36	.05	.09	.067	.51	<.020	<.100	<.10	.99	--	--
APR 12-12	5.0	42	.06	.12	.095	.50	.020	<.100	<.10	1.00	--	--
APR 13-13	5.2	38	.05	.13	.098	.46	<.020	<.100	<.10	.76	--	--
APR 13-13	4.3	34	.05	.15	.115	.41	<.020	<.100	<.10	.78	--	--
APR 13-13	4.5	36	.05	.12	.092	.42	<.020	<.100	<.10	.69	--	--
MAY 31-31	9.7	87	.12	8.81	6.84d	2.09	1.51	<2.50d	<2.50d	17.5d	--	--
MAY 31-31	5.5	46	.06	.05	.040	1.04	<.020	<.100	<.10	2.75	--	--
MAY 31-31	5.3	46	.06	.03	.020	.86	<.020	<.100	<.10	2.10	--	--
MAY 31-31	5.1	46	.06	--	<.020	.78	<.020	<.100	<.10	1.91	--	--
MAY 31-31	5.0	44	.06	--	<.020	.71	<.020	<.100	<.10	1.46	--	--
JUL 31-31	4.5	42	.06	--	<.020	.72	<.020	<.100	<.10	1.58	--	--
JUL 28...	6.7	56	.08	.03	.020	.45	<.010	<.050	<.050	.49	--	--
JUL 28...	6.8	56	.08	.08	.060	.44	<.010	<.050	<.050	--	590	--
AUG 02...	6.6	64	.09	--	--	.37	<.010	--	--	--	--	--
AUG 02...	6.6	64	.09	--	--	.38	<.010	--	--	230	310k	13000
AUG 11...	7.2	67	.09	--	--	.45	<.010	--	--	--	--	--
AUG 11...	7.2	67	.09	--	--	.45	<.010	--	--	340	1400	14000
SEP 07-07	4.9	--	--	--	<.020	.36	<.020	<.100	<.10	--	--	--
SEP 07-07	3.5	--	--	--	<.020	.41	<.020	<.100	<.10	--	--	--
SEP 07-07	3.1	--	--	--	<.020	.33	<.020	<.100	<.10	--	--	--
SEP 07-07	2.8	--	--	--	<.020	.30	.020	<.100	<.10	--	--	--
SEP 07-07	3.4	--	--	--	<.020	.34	.020	<.100	<.10	--	--	--
SEP 13...	7.5	--	.04	.030	.49	<.020	<.100	<.10	--	560	280	26200
SEP 16-16	6.2	--	--	--	<.020	.44	<.020	<.100	<.10	--	--	--
SEP 16-16	5.8	--	--	--	<.020	.43	<.020	<.100	<.10	--	--	--
SEP 16-16	4.2	--	--	--	<.020	.42	.030	<.100	<.10	--	--	--
SEP 16-16	3.1	--	--	--	<.020	.41	<.020	<.100	<.10	--	--	--
SEP 16-16	3.1	--	--	--	<.020	.38	.020	<.100	<.10	--	--	--
SEP 16-16	3.3	--	--	--	<.020	.38	.030	<.100	<.10	--	--	--

## **APALACHICOLA RIVER BASIN 2004 Water Year**

**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

	Barium, water, ug/L (01005)	Iron, water, ug/L (01046)	Stront- ium, water, ug/L (01080)
Date	fltrd,	fltrd,	fltrd,
	ug/L	ug/L	ug/L

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

Date	Time	Hydro-logic event	Agency analyzing sample, code (00028)	Gage height, feet (00065)	IR LED light, deg FNU (63680)	Turbidity, 90 deg, mm Hg (00025)	Barometric pressure, mm Hg (00030)	pH, water, unfiltrd field, std units (00400)	Specif. conduc-tance, wat unf us/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Alum-inum, water, filtrd ug/L (01106)	Cadmium, water, filtrd ug/L (01025)	Chrom-ium, water, filtrd ug/L (01030)	
OCT														
22...	1026	9	80020	.80	2.8	755	9.3	7.2	106	15.5	2	<.04	<.8	
22...	1051	9	80020	.81	2.7	755	9.3	7.2	106	15.5	2	<.04	<.8	
NOV	05-05	2028	J	80020	1.79	100	--	6.3	6.8	89	19.4	14	<.04	<.8
NOV	05-05	2113	J	80020	2.22	130	--	6.5	6.8	89	19.1	12	<.04	<.8
NOV	18-18	2234	J	80020	4.72	320	--	6.8	6.6	63	17.4	44	<.04	<.8
NOV	19-19	0304	J	80020	9.93	460	--	6.9	6.5	44	17.7	50	<.04	<.8
NOV	19-19	0349	J	80020	9.72	470	--	6.9	6.4	41	17.8	35	<.04	E.4n
DEC	10-10	0851	J	80020	2.26	110	744	10.6	7.6	78	10.5	11	<.04	<.8
DEC	10-10	0931	J	80020	2.52	190	744	10.6	7.2	74	11.0	20	<.04	<.8
DEC	10-10	1101	J	80020	3.32	160	744	10.6	7.1	66	10.5	20	<.04	<.8
DEC	10-10	1131	J	80020	3.50	190	744	10.7	7.0	64	10.5	33	<.04	<.8
DEC	10-10	1321	J	80020	4.09	280	744	10.4	7.0	51	11.0	39	<.04	<.8
DEC	10-10	1331	J	80020	4.02	280	744	10.4	7.0	51	11.0	49	<.04	E.4n
DEC	10-10	1431	J	80020	3.46	260	744	10.5	7.0	52	11.0	23	<.04	<.8
DEC	10-10	1441	J	80020	3.28	260	744	10.5	7.0	52	11.0	48	<.04	<.8
JAN														
06...	1306	J	80020	1.03	39	745	10.8	7.2	80	9.0	10	<.04	<.8	
06...	1326	J	80020	1.02	40	745	10.6	7.1	80	9.0	9	<.04	<.8	
22...	1416	9	80020	.86	3.6	746	13.2	7.2	96	6.0	4	<.04	<.8	
22...	1431	9	80020	.85	3.6	746	13.2	7.2	96	6.0	4	<.04	<.8	
FEB														
04...	1221	9	80020	1.03	17	752	14.0	6.9	93	6.0	6	<.04	<.8	
04...	1251	9	80020	1.02	18	752	14.1	6.9	99	6.0	9	<.04	<.8	
MAR														
03...	1301	9	80020	.96	6.3	751	10.7	7.4	111	15.0	5	<.04	<.8	
03...	1331	9	80020	.96	7.2	751	10.8	7.3	111	15.0	6	<.04	<.8	
JUL														
28...	1326	9	80020	.88	19	751	7.7	7.2	93	25.5	6	<.04	<.8	
28...	1331	9	80020	.88	9.6	751	8.0	7.2	94	25.5	6	<.04	<.8	
AUG														
02...	1026	9	80020	.65	5.0	748	7.5	7.3	103	26.0	3	<.04	<.8	
02...	1031	9	80020	.65	4.5	748	7.5	7.3	103	26.0	8	<.04	<.8	
11...	1156	9	80020	.69	4.5	--	7.9	7.2	111	22.5	2	<.04	<.8	
11...	1201	9	80020	.69	4.6	--	7.9	7.2	111	23.0	3	<.04	<.8	
SEP	07-07	0306	J	80020	1.60	140	--	7.3	7.3	93	22.6	17	<.04	<.8
SEP	07-07	0350	J	80020	2.77	190	--	7.6	7.2	68	22.5	40	<.04	<.8
SEP	07-07	0605	J	80020	9.07	1700	--	7.4	7.2	41	22.5	31	<.04	<.8
SEP	07-07	0820	J	80020	9.81	480	--	7.5	7.1	34	22.3	13	<.04	<.8
SEP	07-07	1035	J	80020	7.45	470	--	7.3	7.2	41	22.2	46	<.04	E.4n
SEP	13...	1146	9	80020	.72	5.7	752	8.2	7.0	98	22.5	6	E.04n	<.8
SEP	16-16	1423	J	80020	3.04	120	--	7.6	9.0	84	22.0	22	<.04	<.8
SEP	16-16	1507	J	80020	4.88	500	--	7.4	9.0	75	22.2	23	<.04	<.8
SEP	16-16	1552	J	80020	6.16	1400	--	7.5	8.9	53	22.5	45	<.04	<.8
SEP	16-16	1807	J	80020	12.80	620	--	7.8	8.5	40	22.9	54	<.04	<.8
SEP	16-16	2022	J	80020	13.60	710	--	7.4	8.4	38	22.8	40	<.04	<.8
SEP	16-16	2152	J	80020	14.90	700	--	7.3	8.3	34	22.8	31	<.04	.8

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

Date	Copper, ug/L (01040)	Lead, ug/L (01049)	Mangan- ese, ug/L (01056)	Nickel, ug/L (01065)	Silver, ug/L (01075)	Zinc, ug/L (01090)
OCT						
22...	.5	<.08	87.9	.48	<.2	2.0
22...	.6	<.08	87.4	.61	<.2	2.1
NOV						
05-05	2.7	.13	5.8	.56	<.2	4.5
NOV						
05-05	1.8	.13	2.0	.43	<.2	3.2
NOV						
18-18	2.6	.40	12.7	.60	<.2	5.9
NOV						
19-19	2.2	.34	29.6	.50	<.2	5.8
NOV						
19-19	1.9	.40	47.5	.47	<.2	4.6
DEC						
10-10	2.6	.16	44.4	.45	<.2	7.1
DEC						
10-10	2.3	.23	54.7	.48	<.2	7.0
DEC						
10-10	2.7	.22	36.8	.46	<.2	7.1
DEC						
10-10	2.8	.27	36.5	.47	<.2	6.7
DEC						
10-10	2.4	.71	47.9	.48	<.2	10.2
DEC						
10-10	2.4	.78	49.2	.48	<.2	9.6
DEC						
10-10	2.2	.39	42.8	.46	<.2	8.0
DEC						
10-10	2.3	.58	45.4	.48	<.2	8.0
JAN						
06...	1.6	.15	55.0	.59	<.2	6.3
06...	1.5	.15	59.3	.67	<.2	5.8
22...	.7	E.05n	154	.47	<.2	5.3
22...	.7	E.06n	150	.45	<.2	4.9
FEB						
04...	1.2	.12	107	.51	<.2	8.8
04...	1.5	.19	108	.55	<.2	9.7
MAR						
03...	1.2	.09	112	.64	<.2	5.6
03...	1.2	.09	115	.60	<.2	5.4
JUL						
28...	2.1	E.07n	63.1	.55	<.2	3.6
28...	2.1	E.07n	68.9	.55	<.2	2.0
AUG						
02...	1.3	<.08	102	.49	<.2	1.9
02...	1.2	<.08	102	.46	<.2	1.8
11...	1.0	<.08	172	.47	<.2	2.6
11...	1.1	E.04n	192	.52	<.2	2.7
SEP						
07-07	2.7	.17	63.2	.86	<.2	5.6
SEP						
07-07	4.4	.36	43.1	.56	<.2	5.1
SEP						
07-07	2.2	.38	55.4	.68	<.2	4.2
SEP						
07-07	2.2	.22	68.4	.49	<.2	3.4
SEP						
07-07	2.4	.34	54.2	.69	<.2	3.5
13...	2.6	.39	27.7	1.07	<.2	5.0
SEP						
16-16	2.5	.10	10.7	.49	<.2	3.6
SEP						
16-16	3.1	.28	11.0	.53	<.2	4.4
SEP						
16-16	3.4	.37	7.6	.52	<.2	5.3
SEP						
16-16	2.2	.27	25.4	.40	<.2	3.2
SEP						
16-16	2.0	.30	40.7	.43	<.2	3.2
SEP						
16-16	2.1	.26	44.3	.45	<.2	3.3

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

Date	Time	End time	Agency analyzing sample, code (00028)	Gage height, feet (00065)	det ang FNU (63680)	Turbidity,	Baro-light, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, field, wat std units (00400)	Specif. conductance, 25 degC (00095)	Temper-ature, wat deg C (00010)	1,4-Di-chlorobenzene, water, filtrd, ug/L (34572)	1-Methyl-naphthalene, water, filtrd, ug/L (62054)
						IR LED				unfltrd				
OCT 22...	1051	--	80020	.81	2.7	755	9.3	94	7.2	106	15.5	<.5	<.5	
NOV 05-05	2022	2027	80020	1.57	100	--	6.4	--	6.9	90	19.4	<.5	<.5	
NOV 19-19	1035	1037	80020	2.84	250	--	7.0	--	6.6	60	17.0	M	<.5	
DEC 10-10	0931	1021	80020	2.52	190	744	10.6	98	7.2	74	11.0	<.5	<.5	
DEC 10-10	1131	1201	80020	3.50	190	744	10.7	98	7.0	64	10.5	<.5	<.5	
DEC 10-10	1331	1411	80020	4.02	280	744	10.4	97	7.0	51	11.0	<.5	<.5	
DEC 10-10	1441	1521	80020	3.28	260	744	10.5	98	7.0	52	11.0	<.5	<.5	
JAN 06...	1326	--	80020	1.02	40	745	10.6	90	7.1	80	9.0	<.5	<.5	
22...	1431	--	80020	.85	3.6	746	13.2	108	7.2	96	6.0	E.1	<.5	
FEB 04...	1251	--	80020	1.02	18	752	14.1	115	6.9	99	6.0	<.5	<.5	
MAR 03...	1331	--	80020	.96	7.2	751	10.8	109	7.3	111	15.0	<.5	<.5	
JUL 28...	1331	--	80020	.88	9.6	751	8.0	99	7.2	94	25.5	<.5	<.5	
AUG 02...	1031	--	80020	.65	4.5	748	7.5	94	7.3	103	26.0	<.5	<.5	
11...	1201	--	80020	.69	4.6	--	7.9	--	7.2	111	23.0	<.5	<.5	
SEP 13...	1146	--	80020	.72	5.7	752	8.2	96	7.0	98	22.5	<.5	<.5	
<hr/>														
<hr/>														
Date	2,6-Dimethyl-naphthalene, water, filtrd, ug/L (62055)	2-Methyl-naphthalene, water, filtrd, ug/L (62056)	3-beta-Copros-1H-alene, water, filtrd, ug/L (62057)	3-Methyl-indole, water, filtrd, ug/L (62058)	3-tert-Anisole, wat flt ug/L (62059)	3-tert-Butyl-4-hydroxyphenol, wat flt ug/L (62060)	4-Cumyl-phenol, water, filtrd, ug/L (62061)	4-Octyl-phenol, water, filtrd, ug/L (62062)	4-Nonyl-phenol, water, filtrd, ug/L (62063)	4-tert-Octyl-phenol, water, filtrd, ug/L (62064)	5-Methyl-1H-benzo-triazole, wat flt ug/L (62065)	9,10-Anthraquinone, water, filtrd, ug/L (62066)	Acetophenone, water, filtrd, ug/L (62067)	AHTN, water, filtrd, ug/L (62068)
OCT 22...	<.5	<.5	<2	<1	<5	<1	<1	E1	<1	<2	<.5	<.5	<.5	
NOV 05-05	<.5	<.5	E1	M	<5	<1	<1	E2	<1	<2	E.1	E.1	<.5	
NOV 19-19	<.5	<.5	M	M	<5	<1	<1	E2	<1	<2	E.1	E.1	<.5	
DEC 10-10	<.5	<.5	M	<1	<5	<1	<1	E2	<1	<2	E.2	E.2	<.5	
DEC 10-10	<.5	<.5	E1	<1	<5	<1	<1	E2	<1	<2	E.2	E.2	E.1	
DEC 10-10	<.5	<.5	M	<1	<5	<1	<1	E2	<1	<2	E.3	E.2	E.1	
DEC 10-10	<.5	<.5	M	<1	<5	<1	<1	E2	<1	<2	E.2	E.2	E.1	
JAN 06...	<.5	<.5	<2	M	<5	<1	<1	<5	<1	<2	E.1	<.5	E.1	
22...	<.5	<.5	<2	M	<5	<1	<1	<5	<1	<2	<.5	<.5	E.1	
FEB 04...	<.5	<.5	M	<1	<5	<1	<1	<5	<1	<2	<.5	<.5	E.1	
MAR 03...	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5	M	
JUL 28...	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	E.1t	<.5	E.1t	
AUG 02...	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5	<.5	
11...	<.5	<.5	E1t	<1	<5	<1	<1	<5	<1	<2	<.5	<.5	E.1t	
SEP 13...	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5	<.5	

## **APALACHICOLA RIVER BASIN 2004 Water Year**

**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

	Anthra- cene, water, filtrd, ug/L (34221)	Benzo- [a]- pyrene, water, filtrd, ug/L (34248)	Benzo- phenone, water, filtrd, ug/L (62067)	beta- Sitos- terol, water, filtrd, ug/L (62068)	beta- Stigma- stanol, water, filtrd, ug/L (62086)	Bisphe- nol A, water, filtrd, ug/L (62069)	Broma- cyl, water, filtrd, ug/L (04029)	Caf- feine, water, filtrd, ug/L (50305)	Car- baryl, water, filtrd, ug/L (82680)	Carba- zole, water, filtrd, ug/L (62071)	Chlor- pyrifos, water, filtrd, ug/L (38933)	Choles- terol, water, filtrd, ug/L (62072)	
OCT 22...	<.5	<.5	<.5	<2	<2	<1	E.4	E.1	<.5	<1	<.5	<.5	<2
NOV 05-05	<.5	<.5	<.5	E2	E2	M	<.5	.7	E.1	M	<.5	<.5	E2
NOV 19-19	M	<.5	E.1	M	E1	<1	<.5	E.2	<.5	<1	M	<.5	E1
DEC 10-10	<.5	<.5	<.5	<2	<2	<1	<.5	1.9	<.5	<1	<.5	<.5	E2
DEC 10-10	<.5	<.5	<.5	<2	<2	<1	<.5	1.0	<.5	<1	<.5	<.5	E2
DEC 10-10	<.5	<.5	E.1	<2	<2	<1	<.5	.8	E.1	<1	E.1	<.5	E2
DEC 10-10	<.5	<.5	E.1	<2	<2	M	<.5	.7	E.1	<1	E.1	<.5	E1
JAN 06...	<.5	<.5	E.1	<2	<2	M	<.5	E.3	<.5	<1	M	<.5	<2
JAN 22...	<.5	<.5	E.1	<2	<2	<1	<.5	E.4	<.5	<1	<.5	<.5	E1
FEB 04...	<.5	<.5	E.1	<2	<2	<1	<.5	E.2	<.5	<1	<.5	<.5	<2
MAR 03...	<.5	<.5	<.5	<2	<2	<1	<.5	.6	<.5	<1	<.5	<.5	<2
JUL 28...	<.5	<.5	<.5	<2	<2	<1	<.5	E.2t	Mt	<1	Mt	<.5	<2
AUG 02...	<.5	<.5	<.5	<2	<2	<1	<.5	E.1t	Mt	<1	<.5	<.5	<2
AUG 11...	<.5	<.5	<.5	E1t	Mt	<1	<.5	.8	Mt	<1	<.5	<.5	3
SEP 13...	<.5	<.5	<.5	<2	<2	<1	<.5	E.1t	<.5	<1	<.5	<.5	<2

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

Date	Iso- quinine, water, ug/L (62079)	Menthol water, ug/L (62080)	Meta- laxyl, water, ug/L (50359)	Methyl salicy- late, water, ug/L (62081)	Metola- chlor, water, ug/L (39415)	Naphth- alene, water, ug/L (34443)	p- Cresol, water, ug/L (62084)	Penta- chloro- phenol, water, ug/L (34459)	Phenan- threne, water, ug/L (34462)	Phenol, water, ug/L (34466)	Prome- ton, water, ug/L (04037)	Pyrene, water, ug/L (34470)	Tetra- chloro- ethene, water, ug/L (34476)	
OCT 22...	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5
NOV 05-05	<.5	<.5	E.1	M	<.5	<.5	M	<2	M	E.2	<.5	M	<.5	
NOV 19-19	<.5	<.5	<.5	<.5	<.5	<.5	M	<2	M	E.4	<.5	M	<.5	
DEC 10-10	<.5	E.3	<.5	<.5	<.5	<.5	M	<2	M	E.3	<.5	<.5	<.5	
DEC 10-10	<.5	<.5	<.5	<.5	<.5	<.5	M	<2	M	E.4	<.5	<.5	<.5	
DEC 10-10	<.5	<.5	<.5	<.5	<.5	<.5	M	<2	E.1	E.3	<.5	M	<.5	
DEC 10-10	<.5	<.5	<.5	<.5	<.5	<.5	M	<2	E.1	<.5	<.5	M	<.5	
JAN 06...	<.5	E.1	<.5	<.5	<.5	<.5	M	<2	M	<.5	<.5	M	<.5	
JAN 22...	<.5	<.5	<.5	<.5	<.5	<.5	M	<2	<.5	E.4	<.5	<.5	E.1	
FEB 04...	<.5	E.2	<.5	E.1	<.5	M	<1	<2	<.5	<.5	<.5	<.5	<.5	
MAR 03...	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	.7	<.5	<.5	M	
JUL 28...	<.5	<.5	<.5	Mt	<.5	<.5	<1	<2	<.5	.7	<.5	Mt	Mt	
AUG 02...	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	Mt	E.2t	<.5	Mt	Mt	
AUG 11...	<.5	E.2t	<.5	<.5	<.5	<.5	<1	<2	<.5	E.4t	<.5	<.5	<.5	
SEP 13...	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	<.5	<.5	<.5	E.1t	
Date	Tri- bromo- methane water, ug/L (34288)	Tri- phos- phate, water, ug/L (62089)	Triclo- san, water, ug/L (62090)	Tri- ethyl citrate water, ug/L (62091)	Tri- phenyl phos- phate, water, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, water, ug/L (62093)	Tris(2- chloro- ethyl) i-Pr) phos- phate, wat flt ug/L (62087)	Tris(di- chloro- phos- phate, wat flt ug/L (62088)	Di- chloro- vos, water, ug/L (38775)					
OCT 22...	<.5	<.5	<1	<.5	<.5	<.5	<.5	<.5	<1.00					
NOV 05-05	<.5	E.2	M	<.5	E.1	E.1.1	E.1	E.1	<1.00					
NOV 19-19	<.5	E.1	<1	<.5	E.1	E.3	E.1	E.1	<1.00					
DEC 10-10	<.5	E.1	<1	<.5	<.5	<.5	<.5	<.5	<1.00					
DEC 10-10	<.5	E.1	<1	<.5	<.5	<.5	<.5	<.5	<1.00					
DEC 10-10	<.5	E.1	<1	<.5	<.5	<.5	<.5	<.5	<1.00					
DEC 10-10	<.5	E.1	<1	<.5	<.5	<.5	<.5	<.5	<1.00					
JAN 06...	<.5	E.1	M	<.5	M	E.4	E.1	E.1	<1.00					
JAN 22...	<.5	E.1	M	<.5	<.5	E.3	<.5	E.1	<1.00					
FEB 04...	<.5	E.1	<1	<.5	E.1	.7	E.1	<.5	<1.00					
MAR 03...	<.5	<.5	<1	<.5	<.5	<.5	E.1	E.1	<1.00					
JUL 28...	<.5	E.1t	<1	<.5	<.5	.8	E.2t	E.1t	--u					
AUG 02...	<.5	Mt	<1	<.5	<.5	<.5	E.2t	E.1t	--u					
AUG 11...	<.5	<.5	Mt	<.5	<.5	<.5	<.5	<.5	--u					
SEP 13...	<.5	<.5	<1	<.5	<.5	<.5	E.3t	<.5	--u					

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

Date	Time	End time	Medium code	Hydro-logic event	Agency ana-lyzing sample, code (00028)	Gage height, feet (00065)	Dis-charge, cfs (00060)	Turb-idity, IR LED	Baro-light, det ang 90 deg, FNU (63680)	Dis-pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)
OCT 22...	1027	--	1	9	81350	.80	13	2.8	755	9.3	94	7.2	106	
NOV 05-05	2027	2029	1	J	81350	1.79	112	100	--	6.3	--	6.8	89	
NOV 05-05	2112	2114	1	J	81350	2.22	166	130	--	6.5	--	6.8	89	
NOV 19-19	0303	0305	1	J	81350	9.93	1730	460	--	6.9	--	6.5	44	
NOV 19-19	0348	0350	1	J	81350	9.72	1670	470	--	6.9	--	6.4	41	
NOV 19-19	1037	1039	1	J	81350	2.84	264	250	--	7.0	--	6.6	60	
DEC 10-10	0852	0912	1	J	81350	2.26	177	110	744	10.6	97	7.6	78	
DEC 10-10	0932	1022	1	J	81350	2.52	215	190	744	10.6	98	7.2	74	
DEC 10-10	1102	1121	1	J	81350	3.32	339	160	744	10.6	97	7.1	66	
DEC 10-10	1132	1202	1	J	81350	3.50	368	190	744	10.7	98	7.0	64	
DEC 10-10	1322	1407	1	J	81350	4.09	467	280	744	10.4	97	7.0	51	
DEC 10-10	1332	1412	1	J	81350	4.02	455	280	744	10.4	97	7.0	51	
DEC 10-10	1432	1512	1	J	81350	3.46	362	260	744	10.5	98	7.0	52	
DEC 10-10	1442	1522	1	J	81350	3.28	333	260	744	10.5	98	7.0	52	
JAN 06...	1307	--	1	J	81350	1.03	36	39	745	10.8	96	7.2	80	
JAN 22...	1417	--	1	9	81350	.86	22	3.6	746	13.2	108	7.2	96	
FEB 04...	1222	--	1	9	81350	1.03	36	17	752	14.0	114	6.9	93	
MAR 03...	1332	--	1	9	81350	.96	30	7.2	751	10.8	109	7.3	111	
MAR 22...	1447	--	1	9	81350	.88	23	4.7	755	11.2	108	7.6	109	
JUL 28...	1327	--	1	9	81350	.88	29	19	751	7.7	96	7.2	93	
AUG 02...	1027	--	1	9	81350	.65	11	5.0	748	7.5	94	7.3	103	
AUG 11...	1157	--	1	9	81350	.69	13	4.5	--	7.9	--	7.2	111	
SEP 07-07	0307	0309	1	J	81350	1.60	99	140	--	7.3	--	7.3	93	
SEP 07-07	0351	0353	1	J	81350	2.77	255	190	--	7.6	--	7.2	68	
SEP 07-07	0606	0608	1	J	81350	9.07	1520	1700	--	7.4	--	7.2	41	
SEP 07-07	0821	0823	1	J	81350	9.81	1700	480	--	7.5	--	7.1	34	
SEP 07-07	1036	1038	1	J	81350	7.45	1140	470	--	7.3	--	7.2	41	
SEP 13...	1147	--	1	9	81350	.72	16	5.7	752	8.2	96	7.0	98	
SEP 16-16	1424	1426	1	J	81350	3.04	295	120	--	7.6	--	9.0	84	
SEP 16-16	1508	1510	1	J	81350	4.88	609	500	--	7.4	--	9.0	75	
SEP 16-16	1553	1555	1	J	81350	6.16	860	1400	--	7.5	--	8.9	53	
SEP 16-16	1808	1810	1	J	81350	12.80	2890	620	--	7.8	--	8.5	40	
SEP 16-16	2023	2025	1	J	81350	13.60	3330	710	--	7.4	--	8.4	38	
SEP 16-16	2153	2155	1	J	81350	14.90	4040	700	--	7.3	--	8.3	34	

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

Date	Temper- ature, water, deg C (00010)	Alum- inum, suspd sedimnt (30221)	Anti- mony, suspd sedimnt (29816)	Arsenic suspd sedimnt (29818)	Barium, suspd sedimnt (29820)	Beryll- ium, suspd sedimnt (29822)	Cadmium suspd sedimnt (29826)	Chrom- ium, suspd sedimnt (29829)	Cobalt, suspd sedimnt (29831)	Copper, suspd sedimnt (29832)	Iron, suspd sedimnt (30269)	Lead, suspd sedimnt (29836)	Lithium suspd sedimnt (35050)
OCT													
22...	15.5	5.6	1.5	9.0	420	1	.4	71	21	34	4.0	35	24
NOV													
05-05	19.4	5.9	3.2	11	530	1	.2	41	21	42	3.2	44	22
NOV													
05-05	19.1	7.0	1.4	6.6	580	2	.2	45	21	33	3.5	43	24
NOV													
19-19	17.7	5.1	.3	3.0	410	1	.2	28	8	16	2.0	25	13
NOV													
19-19	17.8	7.7	.9	5.9	480	2	.4	53	13	28	3.1	45	21
NOV													
19-19	17.0	7.8	.9	7.7	500	2	.4	45	13	44	3.5	39	22
DEC													
10-10	10.5	7.5	2.1	7.3	540	2	.4	58	19	45	3.7	49	26
DEC													
10-10	11.0	7.6	2.2	6.0	520	2	.4	57	19	43	3.7	49	28
DEC													
10-10	10.5	6.4	1.3	5.6	520	2	.3	57	16	34	3.2	36	20
DEC													
10-10	10.5	6.7	1.3	5.7	500	2	.3	46	13	27	2.8	40	21
DEC													
10-10	11.0	7.8	2.1	7.3	530	2	.4	51	16	39	3.6	57	25
DEC													
10-10	11.0	9.1	2.4	8.8	550	2	.4	63	18	45	4.1	74	29
DEC													
10-10	11.0	7.5	1.9	6.6	480	2	.3	50	14	33	3.2	49	22
DEC													
10-10	11.0	4.3	.8	2.7	370	<1	<.1	30	7	13	1.6	23	11
JAN													
06...	9.0	13	3.0	19	520	3	.2	110	31	66	7.7	73	39
22...	6.0	8.3	3.5	17	670	3	<.5	120	21	75	9.2	110	28
FEB													
04...	6.0	11	2.7	21	460	3	.5	110	20	81	8.1	82	35
MAR													
03...	15.0	5.3	6.7	10	370	2	.7	74	24	180	5.8	160	21
22...	13.5	5.7	1.8	11	450	2	.5	95	24	110	6.5	46	25
JUL													
28...	25.5	9.2	1.7	20	450	2	.7	150	17	60	6.1	83	31
AUG													
02...	26.0	5.9	2.4	18	410	2	.9	300	15	150	6.1	66	21
11...	22.5	6.5	2.3	21	470	2	1.0	170	16	220	6.7	60	25
SEP													
07-07	22.6	4.1	.5	2.4	380	1	<.2	29	8	17	1.7	18	11
SEP													
07-07	22.5	5.1	.6	3.6	420	2	<.2	35	10	24	2.2	25	14
SEP													
07-07	22.5	5.4	.5	4.1	410	2	.1	35	10	18	2.3	27	15
SEP													
07-07	22.3	4.4	.4	4.2	370	1	<.1	29	7	12	1.8	23	11
SEP													
07-07	22.2	6.6	.7	6.1	470	2	<.2	45	12	24	2.9	32	19
13...	22.5	7.2	1.3	16	470	2	<.2	540	18	49	6.1	42	28
SEP													
16-16	22.0	5.7	1.4	5.0	480	2	<.2	50	13	28	2.6	31	21
SEP													
16-16	22.2	4.9	.7	3.4	420	2	<.2	34	10	17	2.0	26	14
SEP													
16-16	22.5	5.8	1.0	4.4	450	2	<.2	39	11	23	2.5	30	15
SEP													
16-16	22.9	5.5	.5	4.4	400	2	<.2	37	9	20	2.4	27	16
SEP													
16-16	22.8	8.2	1.0	8.3	470	2	<.2	52	13	31	3.6	42	25
SEP													
16-16	22.8	8.1	.9	7.8	470	2	.2	59	14	29	3.5	45	24

**APALACHICOLA RIVER BASIN**  
**2004 Water Year**

**02336360 NANCY CREEK AT RICKENBACKER DRIVE, AT ATLANTA, GA—continued.**

Date	Mangan- ese, susnd sedimnt total, ug/g (29839)	Mercury susnd sedimnt total, ug/g (29841)	Molyb- denum, susnd sedimnt total, ug/g (29843)	Nickel, susnd sedimnt total, ug/g (29845)	Selen- ium, susnd sedimnt total, ug/g (29847)	Silver, susnd sedimnt total, ug/g (29850)	Stront- ium, susnd sedimnt total, ug/g (35040)	Thall- ium, susnd sedimnt total, ug/g (49955)	Titan- ium, susnd sedimnt total, percent (30317)	Vanad- ium, susnd sedimnt total, ug/g (29853)	Zinc, susnd sedimnt total, ug/g (29855)	Uranium susnd sedimnt total, ug/g (35046)	Suspnd. sedimnt conc, flow through cntrfug mg/L (50279)
OCT 22...	3500	.10	9	49	M	1	220	<50	.260	65	210	<50	2
NOV 05-05	4000	<.01	8	25	1	2	170	<50	.400	71	260	<50	131
NOV 05-05	4400	<.01	4	24	M	1	100	<50	.510	82	250	<50	435
NOV 19-19	570	<.02	<1	12	M	<1	70	<100	.330	52	93	<100	3360
NOV 19-19	750	.02	3	22	M	<.5	80	<50	.500	78	190	<50	1070
NOV 19-19	900	--o	3	25	M	<1	130	<100	.490	87	160	<100	211
DEC 10-10	2000	<.01	3	29	M	M	65	<50	.460	85	220	<50	230
DEC 10-10	1700	.05	2	30	M	<.5	66	<50	.480	86	230	<50	120
DEC 10-10	2200	<.01	3	27	M	M	76	<50	.440	74	220	<50	84
DEC 10-10	1400	<.01	2	22	M	M	70	<50	.420	69	170	<50	363
DEC 10-10	1700	<.01	2	23	M	<.5	62	<50	.490	85	240	<50	546
DEC 10-10	1800	<.01	3	30	M	<.5	61	<50	.500	99	270	<50	320
DEC 10-10	1300	.02	2	23	M	<.5	68	<50	.440	81	220	<50	407
JAN 06...	4000	.07	5	52	1	<.5	50	<100	.520	150	510	<100	10
JAN 22...	2600	--o	6	47	1	<2	88	<250	.420	110	500	<250	1
FEB 04...	1900	.09	6	48	1	<1	64	<100	.410	140	440	<100	5
MAR 03...	2900	--o	4	32	1	<1	40	<100	.290	72	310	<100	3
MAR 22...	4100	--o	7	53	1	<1	120	<100	.340	89	480	<100	2
JUL 28...	1800	.15	11	74	1	<1	120	<100	.460	120	330	<100	4
AUG 02...	2500	--o	26	140	1	<1	280	<100	.300	82	310	<100	1
AUG 11...	2200	--o	17	110	1	2	250	<50	.340	89	270	<50	1
SEP 07-07	770	<.02	<2	13	M	<1	120	<100	.320	43	80	<100	574
SEP 07-07	970	<.02	<2	14	M	<1	99	<100	.380	55	110	<100	1120
SEP 07-07	680	.01	M	14	M	M	88	<50	.400	59	92	<50	2320
SEP 07-07	440	<.02	1	10	M	<.5	85	<50	.340	47	64	<50	2830
SEP 07-07	680	<.02	2	20	M	<1	86	<100	.530	75	110	<100	935
SEP 13...	1800	<.02	61	270	1	<1	190	<100	.520	100	220	<100	2
SEP 16-16	1300	--o	3	21	M	<1	130	<100	.520	66	140	<100	275
SEP 16-16	890	.04	<2	15	M	<1	93	<100	.410	54	92	<100	1220
SEP 16-16	900	.02	2	16	M	<1	95	<100	.470	65	110	<100	1000
SEP 16-16	510	.04	<2	16	M	<1	82	<100	.400	60	73	<100	1650
SEP 16-16	640	.07	2	24	M	<1	77	<100	.560	93	130	<100	801
SEP 16-16	670	.07	2	26	M	<1	83	<100	.540	93	120	<100	888

Remark codes used in this table:

< -- Less than

E -- Estimated value

M -- Presence verified, not quantified

Null value qualifier codes used in this table:

o -- Insufficient amount of water

u -- Unable to determine-matrix interference

Value qualifier codes used in this table:

d -- Diluted sample: method hi range exceeded

k -- Counts outside acceptable range

t -- Below the long-term MDL